U.S. Patent Application Figures
Inventors: Nicholas V. Nechitailo, Dean Rattazzi, Matthew Soltis and Mike Rossi

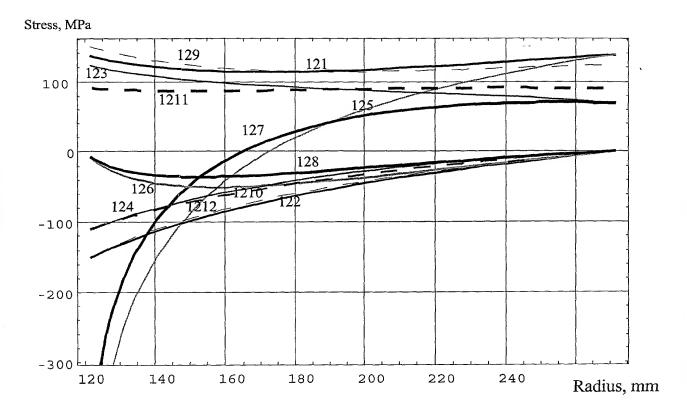


FIGURE 12

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Thick Soft Pad on Hard Core Thin Soft Pad						Hard			
3 = 1	β=,	β =	β =	$\beta =$	β =	β =	β =	$\beta = \frac{1}{2}$	
140_	130	130	225	145	140	130	123	90	
40	140	-400	138	140	140	130	128	90	
40	130	130-	85	150	140	135	125	91	
-500	/-10000	-400 130-	260	100 132	100 123	95 130	95	.86	
40		-400	130 260	117	114 138	113	135	130	
500 40	140	130_	140 225	120	115	115	138	138	
-500	/-10000	-400	140	120	117	115	114	90	
1 Unstable Zone					2 Ontimized Zone				one
3	140 140 140 140 140 1500 140 1500 140 1500	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k Soft Pad on Hard Core Thin Soft Pad Hard $\beta = 1$ $\beta = 0.8$ 0.2 -0.2 -0.7 -0.8 -0.9 -1 140 130 130 123 140 140 140 140 140 130 130 123 140	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				

FIGURE 13

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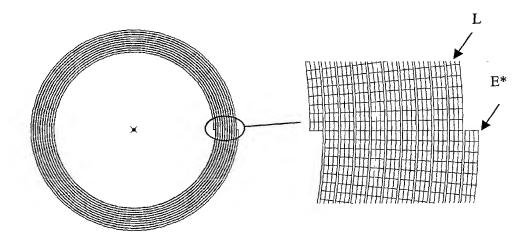


FIGURE 14A

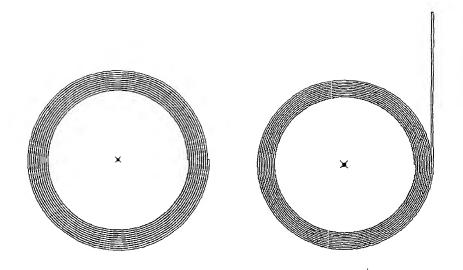


FIGURE 14B